

IN THE CLAIMS

1. (currently amended) A surface-carbonitrated austenitic stainless steel part excellent in wear resistance, in which 3 to [[20]] 11 mass % of Mn is contained in the austenitic stainless steel and a surface of the austenitic stainless steel was carbonitrated to be hardened, wherein a Vickers hardness of the surface is 1350 HV or more and a depth of a hardened layer having 1000 HV or more from the surface of said austenitic stainless steel is 10 μm or more.

2. (currently amended) A manufacturing method of a surface-carbonitrated austenitic stainless steel part excellent in wear resistance according to claim 1, wherein after [[a]] the austenitic stainless steel part containing 3 to [[20]] 11 mass % of Mn, molded in a required shape, was surface activated in an atmosphere containing halogen gas or halide gas, the obtained austenitic stainless steel part is carbonitrated at 430 to 600 °C in an atmosphere containing NH_3 and carburizing gas.